

LISTING OF CLAIMS

We claim:

1. (Previously Presented) A process for preparing polyoxyalkylene glycols of comprising copolymerizing, in one stage, tetrahydrofuran and alpha,omega-diols with the exception of butanediol as the comonomer in the presence a heteropolyacid and of a hydrocarbon, distilling off a mixture of water and the hydrocarbon from the copolymerization, and terminating the polymerization by adding water when a molecular weight of from 1,000 to 2,800 is attained.
2. (Previously Presented) The process as claimed in claim 1, wherein between 0.1 and 10% by weight of water, based on the total amount of tetrahydrofuran, comonomer and heteropolyacid already used for the copolymerization, is added.
3. (Previously Presented) The process as claimed in claim 1, wherein the attainment of the molecular weight is determined by measuring the electrical conductivity of the copolymerization mixture.
4. (Previously Presented) The process as claimed in claim 1, wherein the water is added at a conductivity of from 0.1 to 5 μ S.
5. (Previously Presented) The process as claimed in claim 1, wherein the alpha, omega-diol used is neopentyl glycol.
6. (Previously Presented) The process according to claim 2, wherein the attainment of the molecular weight is determined by measuring the electrical conductivity of the copolymerization mixture.

7. (Previously Presented) The process according to claim 2, wherein the water is added at a conductivity of from 0.1 to 5 μ S.

8. (Previously Presented) The process according to claim 3, wherein the water is added at a conductivity of from 0.1 to 5 μ S.

9. (Previously Presented) The process according to claim 2, wherein the alpha, omega-diol used is neopentyl glycol.

10. (Previously Presented) The process according to claim 3, wherein the alpha, omega-diol used is neopentyl glycol.

11. (Previously Presented) The process according to claim 4, wherein the alpha, omega-diol used is neopentyl glycol.